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|  | <h1>REPORTE DE CONFIABILIDAD</h1> |
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|--------------|-----------------------|
| FECHA: | 30/4/2022 |
| EMPRESA: | REFINERÍA SHUSHUFINDI |
| RESPONSABLE: | |

EP1 - BOMBA DE RESIDUO DE REFINERIA R1

JAJAJA1234567

LISTADO DE FALLAS

| NRO. | INICIO FALLA | FINAL FALLA | UPTIME (días) | DOWNTIME (días) | COSTO (USD) | DESCRIPCIÓN |
|------|------------------|------------------|---------------|-----------------|-------------|---|
| 1 | 2022-03-09T11:35 | 2022-03-25T11:36 | 1.00 | 16.00 | 666.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 2 | 2022-03-30T23:20 | 2022-04-01T23:20 | 5.49 | 2.00 | 0.00 | FALLA 1 |
| 3 | 2022-04-05T11:25 | 2022-04-08T11:25 | 3.50 | 3.00 | 888.00 | FALLA 1 |
| 4 | 2022-04-06T01:45 | 2022-04-17T01:45 | 2.40 | 11.00 | 99.00 | FALLA 3 |
| 5 | 2022-04-06T11:24 | 2022-04-08T11:24 | 10.60 | 2.00 | 333.00 | FALLA 1 |
| 6 | 2022-04-06T11:29 | 2022-04-10T11:29 | 2.00 | 4.00 | 454.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 7 | 2022-04-07T01:45 | 2022-04-15T01:45 | 3.41 | 8.00 | 90.00 | FALLA 1 |
| 8 | 2022-04-07T11:26 | 2022-04-14T11:26 | 7.60 | 7.00 | 5555.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 9 | 2022-04-13T01:44 | 2022-04-15T01:44 | 1.40 | 2.00 | 677.00 | FALLA 1 |
| 10 | 2022-04-13T11:30 | 2022-04-24T11:30 | 1.59 | 11.00 | 445.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 11 | 2022-04-13T11:34 | 2022-05-05T11:34 | 11.00 | 22.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 12 | 2022-04-13T11:35 | 2022-05-05T11:35 | 22.00 | 22.00 | 999.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 13 | 2022-04-15T11:24 | 2022-04-28T11:24 | 20.01 | 13.00 | 0.00 | FALLA 3 |
| 14 | 2022-04-15T23:41 | 2022-04-30T23:41 | 12.49 | 15.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 15 | 2022-04-19T11:29 | 2022-04-21T11:29 | 11.51 | 2.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 16 | 2022-04-19T11:33 | 2022-04-22T11:33 | 2.00 | 3.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 17 | 2022-04-20T11:27 | 2022-04-28T11:27 | 2.00 | 8.00 | 333.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 18 | 2022-04-21T11:27 | 2022-04-23T11:27 | 7.00 | 2.00 | 345.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 19 | 2022-04-21T11:35 | 2022-05-05T11:35 | 1.99 | 14.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 20 | 2022-04-21T23:19 | 2022-04-30T23:19 | 13.51 | 9.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 21 | 2022-04-22T01:43 | 2022-04-28T01:44 | 8.90 | 6.00 | 2000.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 22 | 2022-04-22T11:34 | 2022-05-08T11:34 | 5.59 | 16.00 | 0.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |
| 23 | 2022-04-29T11:31 | 2022-05-05T11:31 | 9.00 | 6.00 | 454.00 | FALLA 3 |
| 24 | 2022-05-05T11:28 | 2022-05-07T11:28 | 0.00 | 2.00 | 3443.00 | FALLA 2 JNJN SNXNKASNK SODKNCJNSJNCS KDNKCNKSDNKNKSKJ NJSDNCJKS JCNSDKJCSDCSDC DCSCSDCSDCSDCSDCSDCSDC |

RESULTADOS

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| UPTIME TOTAL (días) | 165.99 |
| DOWNTIME TOTAL (días) | 206.00 |
| COSTO TOTAL (USD) | 16781.00 |

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| NRO. FALLAS | 24 |
| AÑOS | 0.2 |
| TIEMPO TOTAL DE FUNCIONAMIENTO (TTF) | 59.00 |
| TIEMPO PROMEDIO ENTRE FALLAS (MTBF) | 2.46 |
| TIEMPO PROMEDIO DE REPARACIÓN (MTTR) | 8.58 |
| TIEMPO PROMEDIO FUNCIONAL (MTTF) | 6.92 |
| TASA DE FALLA | 0.41 |
| TASA DE REPARACIÓN | 0.12 |
| CONFIABILIDAD OPERACIONAL | 0.01 % |
| DISPONIBILIDAD OPERACIONAL | 44.62 % |
| MANTENIBILIDAD | 20.79 % |

CONFIABILIDAD EN EL TIEMPO / PROBABILIDAD DE FALLA

| t | CONFIABILIDAD EN EL TIEMPO | PROBABILIDAD DE FALLA |
|-----|----------------------------|-----------------------|
| 1 | 66.58 % | 33.42 % |
| 5 | 13.08 % | 86.92 % |
| 10 | 1.71 % | 98.29 % |
| 15 | 0.22 % | 99.78 % |
| 20 | 0.03 % | 99.97 % |
| 25 | 0.00 % | 100.00 % |
| 30 | 0.00 % | 100.00 % |
| 35 | 0.00 % | 100.00 % |
| 40 | 0.00 % | 100.00 % |
| 45 | 0.00 % | 100.00 % |
| 50 | 0.00 % | 100.00 % |
| 55 | 0.00 % | 100.00 % |
| 60 | 0.00 % | 100.00 % |
| 65 | 0.00 % | 100.00 % |
| 70 | 0.00 % | 100.00 % |
| 75 | 0.00 % | 100.00 % |
| 80 | 0.00 % | 100.00 % |
| 85 | 0.00 % | 100.00 % |
| 90 | 0.00 % | 100.00 % |
| 95 | 0.00 % | 100.00 % |
| 100 | 0.00 % | 100.00 % |
| 105 | 0.00 % | 100.00 % |
| 110 | 0.00 % | 100.00 % |
| 115 | 0.00 % | 100.00 % |
| 120 | 0.00 % | 100.00 % |
| 125 | 0.00 % | 100.00 % |

GRÁFICA

